

01/26/98  
U.S. PTO

Case Docket No. PHN 16,210

THE COMMISSIONER OF PATENTS AND TRADEMARKS, Washington, D.C. 20231

Enclosed for filing is the patent application of Inventor(s):  
JOHAN P. LINNARTZ

For: SYSTEM FOR COPY PROTECTION OF RECORDED SIGNALS

**ENCLOSED ARE:**

- ☒ Appointment of Associates;
- ☐ Information Disclosure Statement, Form PTO-1449 and copies of documents listed therein;
- ☒ Preliminary Amendment;
- ☒ Specification (16 Pages of Specification, Claims, & Abstract);
- ☒ Declaration and Power of Attorney:  
(1 Pages of a ☐ fully executed ☒ unsigned Declaration);
- ☒ Drawing (2 sheets of ☒ informal ☐ formal sheets);
- ☐ Certified copy of application Serial No. ;
- ☒ Authorization Pursuant to 37 CFR §1.136(a)(3)
- ☐ Other: CITATION OF RELATED CASES;
- ☐ Assignment to

**FEE COMPUTATION**

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE - \$790.00
Total Claims	16 - 20 =	0	X \$22 =	0.00
Independent Claims	1 - 3 =	0	X \$82 =	0.00
Multiple Dependent Claims, if any			\$270 =	0.00
TOTAL FILING FEE . . . . .			=	\$790.00

Please charge Deposit Account No. 14-1270 in the amount of the total filing fee indicated above, plus any deficiencies. The Commissioner is also hereby authorized to charge any other fees which may be required, except the issue fee, or credit any overpayment to Account No. 14-1270.

☐ Amend the specification by inserting before the first line as a centered heading --Cross Reference to Related Applications--; and insert below that as a new paragraph --This is a continuation-in-part of application Serial No. , filed .--, which is herein incorporated by reference--.

**CERTIFICATE OF EXPRESS MAILING**

Express Mail Mailing Label No. EM352553997US  
Date of Deposit January 26, 1998  
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Steven Witte Kevin Witte  
Typed Name Signature

Michael E. Belk  
Michael E. Belk, Reg. 33,357  
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580 White Plains Road  
Tarrytown, New York 10591  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

JOHAN P. LINNARTZ

PHN 16,210

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

SYSTEM FOR COPY PROTECTION OF RECORDED SIGNALS  
Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231



AUTHORIZATION PURSUANT TO 37 CFR §1.136(a)(3)  
AND TO CHARGE DEPOSIT ACCOUNT

Sir:

The Commissioner is hereby requested and authorized to treat any concurrent or future reply in this application requiring a petition for extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.

Please charge any additional fees which may now or in the future be required in this application, including extension of time fees, but excluding the issue fee unless explicitly requested to do so, and credit any overpayment, to Deposit Account No. 14-1270.

Respectfully submitted,

By Michael E. Belk  
Michael E. Belk, Reg. 33,357  
Attorney  
(914) 333-9643

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Atty. Docket

JOHAN P. LINNARTZ

PHN 16,210

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.



Title: SYSTEM FOR COPY PROTECTION OF RECORDED SIGNALS

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

CITATION OF RELATED CASES

Sir:

Attached is a report which was made by the assignee of the above-identified patent application.

The United States patent applications and issued patents identified in this report may be relevant to the examination of the above-identified patent application inasmuch as they have been identified by an automated search of the assignee's patent portfolio files as having common inventors with and/or subject matter which is classified by the assignee in the same technological field as the above-identified patent application. However, citation of this report is neither an admission that any document noted therein is prior art to the above-identified patent application nor a waiver of the confidential status of any listed patent application under 35 U.S.C. 122.

Respectfully submitted,

By Michael E. Belk  
Michael E. Belk, Reg. 33,357  
Attorney  
(914) 333-9643  
January 23, 1998

Enc.  
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# Related Cases/Technology Report for PHN 16210

LINNARTZ, JOHAN P.

Docket No.: PHN 16210

Attorney: BELK

Patent No.:

Serial No.:

OS Codes : RO 0410

Title : SYSTEM FOR COPY PROTECTION OF RECORDED SIGNALS.

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## Common Inventors

LINNARTZ, JOHAN P.

Docket No.: PHN 15391

Attorney: GATHMAN

Patent No.:

Serial No.: 08/723653

OS Codes : TR 4000 RO 1240

Title : MARKING A DIGITALLY ENCODED VIDEO AND/OR AUDIO

LINNARTZ, JOHAN P.

Docket No.: PHN 15912

Attorney: MCDERMOTT

Patent No.:

Serial No.: 08/895250

OS Codes : TR 8900

Title : DETECTING A WATERMARK EMBEDDED IN AN INFORMATION

## Related Technology

SATO, TAKASHI

BASILE, CARLO

Docket No.: PHA 23007

Attorney: EASON

Patent No.: 5699547

Serial No.: 08/521191

OS Codes : RC 7000 RO 0410

Title : INFORMATION RETRIEVAL SYSTEM WITH SERIAL ACCESS  
AND RANDOM ACCESS DATA RETRIEVAL.

FREEMAN, MARTIN

BAR-GADDA, UZI Y.

Docket No.: PHA 23183

Attorney: VERDONK

Patent No.:

Serial No.: 08/762512

OS Codes : RO 0410

Title : MAGNETIC DISK DRIVE PHYSICALLY INTEGRATED WITH  
DRIVE IN STORAGE HIERARCHY.

FRITZE, KEITH R.

Docket No.: PHA 70022

Attorney: TAMOSHUNAS

Patent No.: 4584686

Serial No.: \_\_/564273

OS Codes : RO 0410 RO 2310

Title : REED-SOLOMON ERROR CORRECTION APPARATUS.

PHARRIS, KENTON J.

Docket No.: PHA 70082

Attorney: WEISS

Patent No.: 5577054

Serial No.: 08/305114

OS Codes : RO 0410 RC 7900

Title : A DEVICE AND METHOD FOR PERFORMING ERROR  
INTERLEAVED SIGNAL PORTION, AND A RECEIVER AND

PHARRIS, KENTON J.

Docket No.: PHA 70083                      Attorney: WEISS  
Patent No.: 5615220                      Serial No.: 08/381626  
OS Codes : RO 0410                      IT E200  
Title : A POLYNOMIAL DIVIDER WHICH CAN PERFORM EUCLID'S  
PRODUCE AN ERROR LOCATOR POLYNOMIAL FROM AN ERROR

RICHARDS, NORMAN D.

Docket No.: PHB 33255                      Attorney: SLOBOD  
Patent No.: 4868764                      Serial No.: \_\_\_/035104  
OS Codes : TR 4000                      RO 0410  
Title : IMAGE ENCODING AND DECODING METHOD AND APPARATUS.

RICHARDS, NORMAN D.

Docket No.: PHB 33255R                      Attorney: MARION  
Patent No.:                      Serial No.: 07/758878  
OS Codes : TR 4000                      RO 0410  
Title : IMAGE ENCODING AND DECODING METHOD AND APPARATUS.

RICHARDS, NORMAN D.

Docket No.: PHB 33335                      Attorney: SLOBOD  
Patent No.: 4858026                      Serial No.: \_\_\_/135876  
OS Codes : TR 4000                      RO 0410  
Title : IMAGE DISPLAY.

RICHARDS, NORMAN D.

Docket No.: PHB 33336                      Attorney: SLOBOD  
Patent No.: 4857992                      Serial No.: \_\_\_/146446  
OS Codes : RO 0410                      TR 4000  
Title : IMAGE DISPLAY APPARATUS AND METHOD.

RICHARDS, NORMAN D.

Docket No.: PHB 33654                      Attorney: EASON  
Patent No.: 5270812                      Serial No.: 07/733927  
OS Codes : RO 0410                      TR 4000  
Title : IMAGE DISPLAY.

CRASEMANN, J.H.

HEITMANN, H.

Docket No.: PHD 88169                      Attorney: UNASSIGNED  
Patent No.:                      Serial No.: \_\_\_/  
OS Codes : RO 0410                      RO 0421  
Title :

CARASSO, MARINO G.

VERBOOM, JOHANNES J.

Docket No.: PHN 09281                      Attorney: CANNON  
Patent No.: 4292655                      Serial No.: \_\_\_/088735  
OS Codes : RO 0410                      RO 0240  
Title : SYSTEM INCORPORATING WORD SYNCHRONIZATION.

CARASSO, MARINO G.

NIJBOER, JACOB G.

Docket No.: PHN 09755                      Attorney: CANNON  
Patent No.: 4353130                      Serial No.: \_\_\_/191725  
OS Codes : RO 0410                      RO 0460  
Title : DEVICE FOR PROCESSING SERIAL INFORMATION WHICH  
SYNCHRONIZATION WORDS.

IMMINK, K.A.  
VRIES, L.B.  
SCHONHAURER,

Docket No.: PHN 10242  
Patent No.: 4477903  
OS Codes : RO 0410 RO 0460  
Title : ERROR CORRECTION METHOD FOR THE TRANSFER OF  
TS, A DEVICE FOR PERFORMING SUCH A METHOD, A

Attorney: CANNON  
Serial No.: \_\_/393940

SCHOUHAMER IMMINK, KORN  
VRIES, LODEWIJK B.

Docket No.: PHN 10242V  
Patent No.:  
OS Codes : RO 0410 RO 0460  
Title : ERROR CORRECTION METHOD FOR THE TRANSFER OF  
BITS, A DEVICE FOR PERFORMING SUCH A METHOD, A

Attorney: CANNON  
Serial No.: \_\_/459088

SCHOUHAMER IMMINK, KORN  
VRIES, LODEWIJK B.

Docket No.: PHN 10242W  
Patent No.: 4593395  
OS Codes : RO 0410 RO 0460  
Title : ERROR CORRECTION METHOD FOR THE TRANSFER OF  
TS, A DEVICE FOR PERFORMING SUCH A METHOD, A

Attorney: CANNON  
Serial No.: \_\_/758587

DRIESSEN, LEONARDUS M.H

Docket No.: PHN 10930  
Patent No.: 4675869  
OS Codes : RO 0410 RO 0460  
Title : FAST DECODER FOR REED-SOLOMON CODES WHICH CAN  
AN ENCODER, AND RECORDING/PLAYBACK APPARATUS

Attorney: BARSCHALL  
Serial No.: \_\_/705752

BAGGEN, CONSTANT P.M.J.  
POLLEN, RUDY W.J.  
DRIESSEN, LEONARDUS M.H  
VRIES, LODEWIJK B.

Docket No.: PHN 10931  
Patent No.: 4683572  
OS Codes : RO 0410 RC 7900  
Title : DECODING DEVICE FOR CODE SYMBOLS PROTECTED BY  
CODE.

Attorney: RICH  
Serial No.: \_\_/653255

BAGGEN, CONSTANT P.M.J.

Docket No.: PHN 11246  
Patent No.: 4675870  
OS Codes : RO 0410 RC 7000  
Title : METHOD OF AND DEVICE FOR DECODING AN INFORMATION  
IS PROTECTED BY A REED-SOLOMON CODE.

Attorney: RICH  
Serial No.: \_\_/747523

VAN LUYT, BALTHASAR A.G

Docket No.: PHN 11734  
Patent No.:  
OS Codes : RO 0410 TR 4000  
Title : METHOD OF TRANSMITTING UPDATE INFORMATION FOR A  
DEO PICTURE

Attorney: TAMOSHUNAS  
Serial No.: \_\_/038807

VAN LUYT, BALTHASAR A.

Docket No.: PHN 11734A  
Patent No.: 4914515  
OS Codes : RO 0410 TR 4000  
Title : METHOD OF TRANSMITTING UPDATE INFORMATION FOR A  
VIDEO PICTURE.

Attorney: TAMOSHUNAS  
Serial No.: \_\_/275709

GRAVESTEIJN, DIRK J.  
WIJN, JOSEPHUS M.

Docket No.: PHN 12433                      Attorney: SPAIN  
Patent No.:                                      Serial No.: \_\_/246584  
OS Codes : RO 0410                      RO 0139  
Title : METHOD OF MANUFACTURING A METAL MATRIX AND A  
SUITABLE FOR THE MANUFACTURE OF MATRICES.

GRAVESTEIJN, DIRK J.  
WIJN, JOSEPHUS M.

Docket No.: PHN 12433V                      Attorney: SPAIN  
Patent No.: 5019487                      Serial No.: 07/329738  
OS Codes : RO 0410                      RO 0139  
Title : METHOD OF MANUFACTURING A METAL MATRIX AND A  
SUITABLE FOR THE MANUFACTURE OF MATRICES.

GRAVESTEIJN, DIRK J.  
WIJN, JOSEPHUS M.

Docket No.: PHN 12433W                      Attorney: SPAIN  
Patent No.: 5114829                      Serial No.: \_\_/660773  
OS Codes : RO 0410                      RO 0139  
Title : METHOD OF MANUFACTURING A METAL MATRIX AND A  
SUITABLE FOR THE MANUFACTURE OF MATRICES.

VREESWIJK, FRANCISCUS  
CAREY SMITH, CHRISTOPHE

Docket No.: PHN 12769                      Attorney: MARION  
Patent No.: 5027206                      Serial No.: 07/406928  
OS Codes : TR 4000                      RO 0410  
Title : HIGH-DEFINITION TELEVISION SYSTEM.

DIELEMAN, ADRIANUS H.  
SCHEPERS, JOS G.  
WESTERHOUT, GERRIT D.

Docket No.: PHN 13661                      Attorney: WEISS  
Patent No.:                                      Serial No.: 07/817571  
OS Codes : RO 0410                      RO 3410  
Title : METHOD AND DEVICE FOR RECORDING INFORMATION  
TRACK OF A RECORD CARRIER, AND A DEVICE FOR

DIELMAN, ADRIANUS H.  
SCHEPERS, JOS G.  
WESTERHOUT, GERRIT D.

Docket No.: PHN 13661V                      Attorney: WEISS  
Patent No.: 5341356                      Serial No.: 07/900874  
OS Codes : RO 0410                      RO 3410  
Title : METHOD AND DEVICE FOR RECORDING INFORMATION  
TRACK OF A RECORD CARRIER, AND A DEVICE FOR

BAKX, JOHANNES L.  
SPRUIT, JOHANNES H.  
VELDHUIS, HINDRIK

Docket No.: PHN 14286                      Attorney: WEISS  
Patent No.: 5471457                      Serial No.: 08/148781  
OS Codes : RO 0410                      RO 0460  
Title : METHOD AND DEVICES FOR RECORDING ONE OR MORE  
HAVE BEEN ENCODED BY AN ERROR DETECTION AND

DE VET, JOHANNES H.  
KEMP, JOHANNES A.  
VAN DEEMTER, CORNELIS J

Docket No.: PHN 14341                      Attorney: WIEGHAUS  
Patent No.: 5513269                      Serial No.: 08/178147  
OS Codes : RO 0410                      RC 9000  
Title : A CONSUMER APPLIANCE HAVING BOTH EXPLANATORY  
EXTRA-LINGUISTIC SIGNALIZATION UPON ACTUATION

BAGGEN, CONSTANT P.  
TOLHUIZEN, LUDOVICUS

Docket No.: PHN 15107  
Patent No.:  
OS Codes : RO 0240 RO 0410  
Title : ERROR CORRECTABLE DATA TRANSMISSION METHOD AND  
ON SEMI-CYCLIC CODES.

Attorney: STEPHENS  
Serial No.: 08/535155

BAKX, JOHANNUS L.

Docket No.: PHN 15333  
Patent No.:  
OS Codes : RO 0240 RO 0410  
Title : SYSTEM FOR STORING AND REPRODUCING INFORMATION.

Attorney: BLOCKER  
Serial No.: 08/629303

SUERMONDT, RUTGERUS E.  
CLOETENS, HENRY

Docket No.: PHN 15430  
Patent No.:  
OS Codes : RO 0410  
Title : DEVICE FOR READING AN INFORMATION CARRIER,  
DISCRIMINATING MEANS FOR DETERMINING A TYPE OF

Attorney: BELK  
Serial No.: 08/704399

MIMNAGH, WINSLOW M.

Docket No.: PHN 15495  
Patent No.:  
OS Codes : RO 0243 RO 0410  
Title : INFORMATION CARRIER AND RECORDING DEVICE FOR  
INFORMATION CARRIER.

Attorney: BELK  
Serial No.: 08/722651

NIJBOER, JAKOB G.

Docket No.: PHN 15525  
Patent No.:  
OS Codes : RO 0243 RO 0410  
Title : FILING SYSTEM FOR MANAGING RECORDING AND  
INFORMATION FILES.

Attorney: BLOCKER  
Serial No.: 08/733304

DIJKMANS, EISE C.

Docket No.: PHN 15582  
Patent No.:  
OS Codes : RO 0410  
Title : DIGITAL TRANSMISSION SYSTEM FOR TRANSMITTING A  
SIGNAL BEING IN THE FORM OF SAMPLES OF A

Attorney: BELK  
Serial No.: 08/754660

VAN DEN ENDEN, GIJSBERT  
SPRUIT, JOHANNES H.  
DUCHATEAU, JOHAN P.  
JAEGER, JOHANNES H.

Docket No.: PHN 15776  
Patent No.:  
OS Codes : RO 0410  
Title : DEVICE FOR RECORDING AN INFORMATION CARRIER,  
INFORMATION CARRIER THEREFOR.

Attorney: BELK  
Serial No.: 08/800633

VAN DEN ENDEN, G. J.  
SPRUIT, JOHANNES H.

Docket No.: PHN 15974  
Patent No.:  
OS Codes : RO 0243 RO 0410  
Title : INFORMATION CARRIER, READING/WRITING DEVICE AND  
DEVICE FOR WRITING AND/OR READING INFORMATION

Attorney: BLOCKER  
Serial No.: 08/922697



PIJNENBURG, JOSEPHUS A.  
FRIMOUT, EMMANUEL D.

Docket No.: PHN 15982  
Patent No.:  
OS Codes : RO 0410  
Title : RECORDING AND REPRODUCING SYSTEM FOR SIMULTANEOUS  
AND REPRODUCTION VIA AN INFORMATION CARRIER.

Attorney: BELK  
Serial No.: 08/919079

FRANK, FRANZ H.

Docket No.: PHN 16078  
Patent No.:  
OS Codes : RO 0410  
Title : WRITING DEVICE, RECORD CARRIER AND WRITING  
READING DEVICE FOR READING INFORMATION BLOCKS.

Attorney: BELK  
Serial No.: 08/971186

HEEMSKERK, JACOBUS P.

Docket No.: PHN 16086  
Patent No.:  
OS Codes : RO 0410  
Title : INFORMATION CARRIER CONTAINING AUXILIARY  
DEVICE AND METHOD OF MANUFACTURING SUCH AN

Attorney: BELK  
Serial No.: 08/873261

VAN DEN ENDEN, GIJSBERT

Docket No.: PHN 16132  
Patent No.:  
OS Codes : RO 0410  
Title : SYSTEM FOR STORING AND/OR REPRODUCING

Attorney: BELK  
Serial No.: 08/984829

HOEVEN, PETRUS C.

Docket No.: PHN 16205  
Patent No.:  
OS Codes : RO 0410  
Title : DEVICE FOR RECORDING AND/OR REPRODUCING

Attorney: BELK  
Serial No.:

VAN DEN ENDEN, GIJSBERT  
JANSSEN, ANTONIUS P.  
NIESSEN, ARNOLDUS J.  
TEUNISSEN, CORNELIS

Docket No.: PHN 16269  
Patent No.:  
OS Codes : RO 0410 RO 0210  
Title : WRITING DEVICE, RECORD CARRIER AND METHOD OF  
INFORMATION BLOCKS, AND READING DEVICE FOR

Attorney: BELK  
Serial No.: 08/972756